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 United States Patent and Trademark Office  
 Washington, D.C. 20231  
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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/019,543	Satoru Yokomizo	12218/3

John C Altmilleri  
 Kenyon & Kenyon  
 1500 K Street N W  
 Suite 700  
 Washington, DC 20005

INTERNATIONAL APPLICATION NO.	
PCT/JP01/04158	
I.A. FILING DATE	PRIORITY DATE
05/18/2001	05/19/2000

**CONFIRMATION NO. 1045**  
**371 FORMALITIES LETTER**



\*OC00000008450347\*

Date Mailed: 07/15/2002

### NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated Office (37 CFR 1.494):

- U.S. Basic National Fee
- Priority Document
- Biochemical Sequence Listing
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- Oath or Declaration
- Preliminary Amendments
- Request for Immediate Examination

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- \$130 Surcharge for providing the oath or declaration later than the appropriate 20 months months from the priority date (37 CFR 1.492(e)) is required.

**Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).**

The following items **MUST** be furnished within the period set forth below:

- The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821-1.825 for the following reason(s):
  - A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37

CFR 1.821(e).

- A copy of the "Sequence Listing" in computer readable form has been submitted. The content of the computer readable form, however, does not comply with the requirements of 37 CFR 1.822 and/or 1.832, as indicated on the attached marked-up copy of the "Raw Sequence Listing."
- APPLICANT MUST PROVIDE:
  - An initial or substitute computer readable form (CRF) of the "Sequence Listing."
  - An initial or substitute paper copy or compact disc of the "Sequence Listing," as well as an amendment directing its entry into the specification.

- For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or [patin3help@uspto.gov](mailto:patin3help@uspto.gov)

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$130** for a Large Entity:

- **\$130** Late oath or declaration Surcharge.
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e).
- A copy of the "Sequence Listing" in computer readable form has been submitted. The content of the computer readable form, however, does not comply with the requirements of 37 CFR 1.822 and/or 1.832, as indicated on the attached marked-up copy of the "Raw Sequence Listing."

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

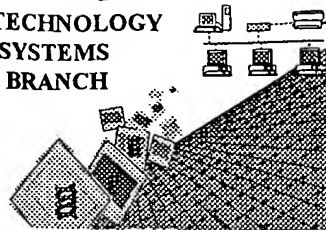
WINSTON M ALVARADO

Telephone: (703) 305-6421

#### PART 2 - OFFICE COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/019,543	PCT/JP01/04158	12218/3

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



**RAW SEQUENCE LISTING**  
**ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/019,543  
Source: PT/10  
Date Processed by STIC: 6/21/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER**  
**VERSION 3.1 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND  
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

**<http://www.uspto.gov/web/offices/pac/checker>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
Or  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002



PCT10

RAW SEQUENCE LISTING

DATE: 06/21/2002

PATENT APPLICATION: US/10/019,543

TIME: 11:46:57

Input Set : A:\SEQUENCE LISTING.txt

Output Set: N:\CRF3\06212002\J019543.raw

**Does Not Comply  
Corrected Diskette Needed**

1 <110> APPLICANT: KANEKA CORPORATION  
 3 <120> TITLE OF INVENTION: TRANSFORMANT AND PROCESS FOR PRODUCING POLYESTER BY USING  
 THE SAME  
 6 <130> FILE REFERENCE: 12218/3  
 W--> 7 <140> CURRENT APPLICATION NUMBER: 10/019,543  
 8 <141> CURRENT FILING DATE: 2002-05-22  
 10 <150> PRIOR APPLICATION NUMBER: PCT/JP01/04158  
 11 <151> PRIOR FILING DATE: 2001-05-18  
 13 <150> PRIOR APPLICATION NUMBER: JP 148726/2000  
 14 <151> PRIOR FILING DATE: 2000-05-19  
 16 <150> PRIOR APPLICATION NUMBER: JP 396955/2000  
 17 <151> PRIOR FILING DATE: 2000-12-27  
 19 <150> PRIOR APPLICATION NUMBER: JP 16929/2001  
 20 <151> PRIOR FILING DATE: 2001-01-25  
 22 <160> NUMBER OF SEQ ID NOS: 21

## ERRORED SEQUENCES

323 <210> SEQ ID NO: 18  
 324 <211> LENGTH: (45) 46 shown  
 325 <212> TYPE: DNA  
 326 <213> ORGANISM: Artificial Sequence  
 328 <220> FEATURE:  
 329 <223> OTHER INFORMATION: primer  
 331 <400> SEQUENCE: 18  
 E--> 332 tttttgatc gagctcgtcg acatgcatct ttggagattg atctt

group 11

(45) 46

*see pp 2-3 for more errors*

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/019,543

DATE: 06/21/2002  
TIME: 11:46:58

Input Set : A:\SEQUENCE LISTING.txt  
Output Set: N:\CRF3\06212002\J019543.raw

Use of <220> Feature(NEW RULES):

Sequence(s) are missing the <220> Feature and associated headings.

Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence" or "Unknown". Please explain source of genetic material in <220> to <223> section (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32) (Sec.1.823 of new Rules)

Seq#:3,4

*see p.3 for sample*

<210>3

<211>1785

<212>DNA

<213>Artificial Sequence

<220>

<221>CDS

<222>1..1785

see p. 2 for explanation

<400>3

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/019,543

DATE: 06/21/2002

TIME: 11:46:58

Input Set : A:\SEQUENCE LISTING.txt

Output Set: N:\CRF3\06212002\J019543.raw

L:7 M:283 W: Missing Blank Line separator, <140> field identifier  
L:8 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:94 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:  
L:135 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:  
L:332 M:254 E: No. of Bases conflict, LENGTH:Input:45 Counted:46 SEQ:18  
L:332 M:252 E: No. of Seq. differs, <211> LENGTH:Input:45 Found:46 SEQ:18